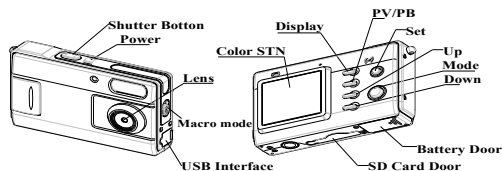# User Manual

Features

1.Resolution:	1600x1200(UXGA)
2.Image sensor:	2.0M Pixels CMOS sensor
3.Interface:	USB 1.1
4.Lens:	Aperture: 2.8
	Focus Length: f=9.0mm
5.Capture range:	0.6m~ infinity Macro:20~30cm
6.Memory:	SD/MMC Card up to 512M
7.Self timer:	10 seconds
8.Video rate:	10 fps @ QVGA
9.Storage capacitor:	16MB SDRAM Built-in Memory
	10-30 Pictures 3.1M Pixels
	20-50 Pictures 2.0M Pixels
	30-70 Pictures 1.3M Pixels
	110-200 Pictures VGA
10.Power:	2xAAA alkaline batteries
11.Driver:	Support mass storage function

* The quantity of pictures is various, depends on the contents of picture.

System Requirement

1. Compatible with Microsoft® 98SE/ME/2000 or XP

   Mac V9.1/10.1/10.2

2. Pentium II 333MHz or equivalent processor

3. 64MB RAM (128MB recommended)

4. USB

5. 200MB free hard disk space

6. Color monitor with high color (16-bits) graphic capability

7. CD-ROM Driver

Functional parts

Power ON/OFF

1. Insert 2 AAA alkaline batteries into the camera at to correct polarity.

2. Press the **power** button to activate your camera, press it again and hold 3 seconds to turn the camera off.

Use SD/MMC card

When you insert a SD or MMC card, an icon will be show on the display, pictures will be saved in the card.

Format SD/MMC card

1. Press **PV/PB** to enter the **playback** mode.

2. Press **mode** to format, press **up** or **down** to select "√" icon, then press **set** to confirm.

   NOTE: You will loss all data in memory (External or built-in memory) when you format the card.

How to use the flash light

In **preview** mode , press **set** button to select three flash modes;

auto Flash , **force flash** and **without flash** .

How to set the digital camera

1. Press **mode** button and then press **set** button to enter **setting** mode.

2. Press **mode** button to select **resolution setting** .

3. Press **up** or **down** button to select a resolution, press **set** button to confirm.

 : VGA : 1.3M :2.0M : 3.1M

In this **setting** mode you can also set the electricity frequency, USB mode and the photo quality (compression rate).

	Electricity frequency	50 HZ	60HZ
	USB mode	PC-camera	Mass-storage

	Photo quality (compression rate).	Hi quality (low compression)	Low quality (high compression

How to operate the digital camera.

Press mode button you can select the following different modes.

Single shot---self timer---taking movie---continuous shot

Single shot	self timer	Taking movie	continuous shot

Delete picture

1. Press **PV/PB** button to enter **playback** mode.
2. Press **up** or **down** button to select the photo to be deleted.
3. Press **SET** to delete the current photo, press **up** or **down** to select "√" icon, then press **set** to confirm.
4. Press **PV/PB** to return to **preview** mode.

Install the software

IMPORTANT! (For Windows® ME, 2000, XP)

Directly plug-in the camera to transfer and play the pictures or video clips, no need to install the driver, but if you want to use Ulead software to transfer the pictures, video clips or you want to use PC-Cam function, please install the camera driver first.

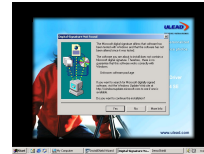### For Windows® 98SE Mass Storage function needs to install the camera Driver.

1. Before you begin, close all other software applications opened.
2. Insert the CD supplied into the computer CD-ROM Drive.
3. The CD User Interface Screen will automatically launch.

4. With the mouse, click on each software interface button in turn and follow the on screen instructions.
5. After installed the driver, a PC-cam icon will be created in you computer desktop.

How to set the USB modes.

1. Press mode button and then press set button to enter set mode.
2. Press mode button to select "USB".
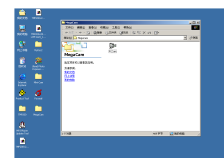3. Press up or down button to select the Mass storage or pc-camera mode .

Transfer pictures, video files to your computer
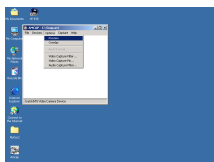
(set the camera to Mass-storage mode at first)

1. Connect the camera to a computer via the USB cable.
2. USB connection icon in display will appear to confirm the connection.
3. Open the Windows® Explorer and then you can see a "Removable Disk" drive.
4. Double click "Removable Disk" -> double click "DCIM"-> double click "100IMAGE".
5. All the pictures and video files are in the "100IMAGE" folder. Highlight the pictures or video files and drag them to a folder of your choice. You can also create sub folders to group them or use the Ulead software to edit and manage the pictures or video files.

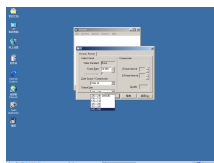## PC Camera(set the camera to PC-camera mode)

1. Open the MegaCam on your computer desktop and double click the PC-CAM icon; you will open a PC-camera frame.

2. If no image shows, you may click "Preview" in the "Options" menu to activate the driver.
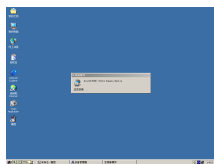

3. You can click the "Video format" in the "options" menu to select resolution; the default is QVGA (320x240 pixels).

Note:

If you use the PC Cam function first time, the computer will install the driver automatically, please wait a moment.

If the screen appears any frame on your computer, please click "Yes" or "Continue".

Trouble shooting

Symptom	Problem	Solving
Can not activate the camera by pressing the "power" button.	Insufficient battery power, battery is missing or wrong battery polarity.	Install or replace the battery.
Get a warning message: "Capture device was not detected" when try to open PC cam.	1.Connection failure. 2.Conflict with another camera or capture device.	1.Check if all cable connections are secured and restart the computer. 2.Remove any other camera driver completely from your system. Sometimes you have to re-install your system.
Can not preview image in PC Camera mode.	"Preview" is not displayed in option Menu.	Click the "preview" in the "option' menu to select it .
Can not find removable disk after connected the camera to computer via USB.	Connection failure.	Make sure all cable connections are secured and restart the computer.
Can not run the DSC driver properly except above problem.	Conflict with another camera or capture device driver	Remove any other camera driver completely from your system. Sometimes you have to re-install your system.
Some horizontal lines on the indoor pictures or video files.	The anti-conflict frequency did not set correctly.	Set the frequency properly.

Low battery warning:

When the battery is insufficient, the battery indicator in LCD will blink ,and the camera will turn off automatically afterwards.

If you are using built-in memory instead of SD/MMC card to save pictures, please don't change batteries until you downloaded the pictures to your computer.

AM-D210S-UGB-STD-R